Quality Control Plan/ Precision Measuring

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Part I: Overview of Business

- SBA, Veteran Owned company Geater Machining and Manufacturing, Co. (GMM) has been servicing the aerospace, electronic and high-tech industries since 1962. Our high quality parts and outstanding on-time delivery have developed GMM's reputation into one that is synonymous with trust, and setting high standards for precision machined and fabricated parts.

- Located in America's Heartland we can serve your quality and delivery needs with an award winning workforce and easy access to major interstates.

- We are a team of problems solvers committed to continuous improvement every day. GMM's team will work with your team to provide the best quality and delivery at competitive prices.

Part II: Job Specifics

- GMM utilizes a wide variety of machining equipment designed for both speed and accuracy. Through robust processes GMM is able to provide production orders, short lead time parts and prototyping all in the same environment. This is accomplished by incorporating zero point fixturing into all set ups. GMM is able to go from set-up to set up and job to job quickly and accurately. GMM's state of art FMS cell allows us to maintain the highest accuracy and repeatability without any repeat set ups.

Part III: Introduce the Problem

- Companies needing parts to be exact with very precise quality.

- Catestrophic failures due no quality control issues.

Part IV: Background

- Students need to be able to identify the part according to a blueprint.

- They also need to know how to use precision measuring equipment.

- Geater had to find ways to make quality parts and train their employees to create quality parts

Part V: Business Solution

- Created control plans

- Trained employees on how to deburr parts.

- Trained Employees how to read precision measurement equipment

Part VI: Student Solutions

- Students will want more time for a project.

- Checkpoints when making project.